

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2000.551 WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 01/ 04069	International filing date (day/month/year) 04/04/2001	(Earliest) Priority Date (day/month/year) 05/04/2000
Applicant AKZO NOBEL N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

DRUG COMBINATION FOR THE TREATMENT OF HEADACHE COMPRISING MIRTAZAPINE AND PARACETAMOL OR A NON-STEROIDAL ANTI-INFLAMMATORY DRUG

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/04069

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/55 A61K31/165 A61K31/19 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, CHEM ABS Data, EMBASE, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98 19674 A (BENDTSEN LARS ;JENSEN RIGMOR (DK); MADSEN ULF (DK); OLESEN JES (DK) 14 May 1998 (1998-05-14) page 32, line 7 - line 13 -----	1-13

☐

Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

13 February 2002

Date of mailing of the international search report

21/02/2002

Name and mailing address of the ISA

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 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

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Leherte, C

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/EP 01/04069

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9819674	A	14-05-1998	AU 734490 B2	14-06-2001
			AU 4863297 A	29-05-1998
			WO 9819674 A2	14-05-1998
			EP 1132082 A1	12-09-2001
			EP 1011656 A2	28-06-2000

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 14 December 2001 (14.12.01)	
International application No. PCT/EP01/04069	Applicant's or agent's file reference 2000.551 WO
International filing date (day/month/year) 04 April 2001 (04.04.01)	Priority date (day/month/year) 05 April 2000 (05.04.00)
Applicant NICKOLSON, Victor, Johannes	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

25 October 2001 (25.10.01)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Zakaria EL KHODARY Telephone No.: (41-22) 338.83.38
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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
11 October 2001 (11.10.2001)

PCT

(10) International Publication Number

WO 01/074340

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- (51) International Patent Classification⁷: A61K 31/55, 31/165, 31/19, A61P 29/00 (74) Agent: KRAAK, H.; P.O. Box 20, NL-5340 BH Oss (NL).
- (21) International Application Number: PCT/EP01/04069 (81) Designated States (*national*): AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA.
- (22) International Filing Date: 4 April 2001 (04.04.2001) (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (25) Filing Language: English (26) Publication Language: English
- (30) Priority Data: 00201239.1 5 April 2000 (05.04.2000) EP
- (71) Applicant (*for all designated States except US*): AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
- (72) Inventor; and (75) Inventor/Applicant (*for US only*): NICKOLSON, Victor, Johannes [NL/NL]; Residentie Oschford Gardens, Jeneverbes 93, NL-5345 JB Oss (NL).
- Published:
— with international search report
- (88) Date of publication of the international search report:
18 July 2002
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: DRUG COMBINATION FOR THE TREATMENT OF HEADACHE COMPRISING MIRTAZAPINE AND PARACETAMOL OR A NON-STEROIDAL ANTI-INFLAMMATORY DRUG

(57) Abstract: The invention relates to a combination comprising paracetamol or a non-steroidal anti-inflammatory drug (NSAID), or a pharmaceutically acceptable salt or solvate thereof, and another drug, in which combination the other drug is mirtazapine, or a pharmaceutically acceptable salt or solvate thereof, optionally in association with one or more pharmaceutically acceptable carriers, whereby paracetamol or an NSAID and mirtazapine are present in the combination in such amounts that the effect of the composition is more favourable than the added effects of the amounts of each drug separately. This combination can be used in the treatment of headache, whereby the invention also provides for a new method of treatment of headache.

WO 01/074340 A3

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/04069

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

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21/02/2002

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 01/04069

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9819674	A	14-05-1998	AU 734490 B2 14-06-2001
			AU 4863297 A 29-05-1998
			WO 9819674 A2 14-05-1998
			EP 1132082 A1 12-09-2001
			EP 1011656 A2 28-06-2000
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